Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120123\
Data File : BF136352.D
Acq On : 02 Dec 2023 00:04
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 02 00:38:09 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 28 03:04:20 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Yogesh Patel

12/04/2023

Supervised By :mohammad ahmed

12/05/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.810	152	118688	20.000	ng		0.00
21) Naphthalene-d8	8.087	136	479564	20.000	ng		0.00
39) Acenaphthene-d10	9.839	164	224996	20.000	ng		0.00
64) Phenanthrene-d10	11.333	188	317207	20.000	ng		0.00
76) Chrysene-d12	13.986	240	198310	20.000	ng		0.00
86) Perylene-d12	15.468	264	245889	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.440	112	669767	78.543	ng		0.00
7) Phenol-d6	6.445	99	820198	76.925	ng		0.00
23) Nitrobenzene-d5	7.375	82	751651	82.825	ng		0.00
42) 2,4,6-Tribromophenol	10.633	330	186927	67.955	ng		0.00
45) 2-Fluorobiphenyl	9.163	172	1483577	84.223	ng		0.00
79) Terphenyl-d14	12.927	244	1011602	58.841	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.575	88	130502	40.447	ng		96
3) Pyridine	3.340	79	325966	40.926	ng		92
4) n-Nitrosodimethylamine	3.305	42	141770	35.213	ng	#	87
6) Aniline	6.475	93	413257	41.007	ng		95
8) 2-Chlorophenol	6.593	128	363062	39.102	ng		97
9) Benzaldehyde	6.363	77	235056	39.554	ng		97
10) Phenol	6.457	94	441734	38.617	ng		95
11) bis(2-Chloroethyl)ether	6.551	93	327472	39.024	ng		95
12) 1,3-Dichlorobenzene	6.751	146	415098	39.395	ng		98
13) 1,4-Dichlorobenzene	6.828	146	417982	39.021	ng		97
14) 1,2-Dichlorobenzene	6.981	146	395476	38.999	ng		97
15) Benzyl Alcohol	6.951	79	277492	37.120	ng		96
16) 2,2'-oxybis(1-Chloropr...	7.081	45	432123	37.073	ng		96
17) 2-Methylphenol	7.063	107	294424	40.334	ng		97
18) Hexachloroethane	7.316	117	145831	38.813	ng		92
19) n-Nitroso-di-n-propyla...	7.222	70	244989	38.418	ng		95
20) 3+4-Methylphenols	7.216	107	356861	37.616	ng		97
22) Acetophenone	7.216	105	500396	39.730	ng	#	94
24) Nitrobenzene	7.392	77	378253	41.129	ng		93
25) Isophorone	7.628	82	663618	40.554	ng		96
26) 2-Nitrophenol	7.704	139	186418	47.574	ng		93
27) 2,4-Dimethylphenol	7.740	122	222922	43.223	ng		93
28) bis(2-Chloroethoxy)met...	7.840	93	412977	41.723	ng		97
29) 2,4-Dichlorophenol	7.945	162	286441	41.175	ng		98
30) 1,2,4-Trichlorobenzene	8.028	180	351605	41.282	ng		98
31) Naphthalene	8.110	128	1104845	40.988	ng		98
32) Benzoic acid	7.857	122	212795m	45.271	ng		
33) 4-Chloroaniline	8.157	127	372593	40.665	ng		98
34) Hexachlorobutadiene	8.222	225	206447	41.431	ng		98
35) Caprolactam	8.534	113	76960	39.574	ng		96
36) 4-Chloro-3-methylphenol	8.639	107	288527	38.241	ng		94
37) 2-Methylnaphthalene	8.798	142	687107	40.636	ng		96
38) 1-Methylnaphthalene	8.898	142	666157	40.386	ng		92
40) 1,2,4,5-Tetrachloroben...	8.963	216	315279	44.030	ng		99
41) Hexachlorocyclopentadiene	8.951	237	101146	36.710	ng		98
43) 2,4,6-Trichlorophenol	9.075	196	195274	42.015	ng		94

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.116	196	211265	41.653	ng		98
46) 1,1'-Biphenyl	9.263	154	843539	42.514	ng		97
47) 2-Chloronaphthalene	9.286	162	650816	42.238	ng		96
48) 2-Nitroaniline	9.386	65	157745	39.212	ng	#	82
49) Acenaphthylene	9.704	152	892604	40.593	ng		98
50) Dimethylphthalate	9.569	163	692541	40.724	ng		98
51) 2,6-Dinitrotoluene	9.628	165	149689	43.087	ng		97
52) Acenaphthene	9.875	154	586010	42.172	ng		96
53) 3-Nitroaniline	9.798	138	134312	38.963	ng		95
54) 2,4-Dinitrophenol	9.904	184	48586	30.070	ng	#	89
55) Dibenzofuran	10.051	168	805648	38.963	ng		97
56) 4-Nitrophenol	9.957	139	77493	29.599	ng	#	79
57) 2,4-Dinitrotoluene	10.033	165	175004	37.711	ng		98
58) Fluorene	10.392	166	603525	37.211	ng		96
59) 2,3,4,6-Tetrachlorophenol	10.169	232	143961	35.673	ng		98
60) Diethylphthalate	10.269	149	641466	37.709	ng		97
61) 4-Chlorophenyl-phenyle...	10.386	204	302464	38.400	ng		97
62) 4-Nitroaniline	10.410	138	113944	33.769	ng		93
63) Azobenzene	10.545	77	560344	35.531	ng		97
65) 4,6-Dinitro-2-methylph...	10.439	198	75676	43.626	ng		92
66) n-Nitrosodiphenylamine	10.504	169	497570	48.948	ng		97
67) 4-Bromophenyl-phenylether	10.880	248	173877	46.985	ng		88
68) Hexachlorobenzene	10.939	284	192125	44.857	ng	#	92
69) Atrazine	11.033	200	119252	39.546	ng		94
70) Pentachlorophenol	11.133	266	90148	37.235	ng		96
71) Phenanthrene	11.357	178	724884	40.659	ng		98
72) Anthracene	11.410	178	713905	39.930	ng		98
73) Carbazole	11.563	167	565875	37.214	ng		99
74) Di-n-butylphthalate	11.904	149	751598	39.504	ng		98
75) Fluoranthene	12.551	202	630332	34.827	ng		97
77) Benzidine	12.674	184	199036	61.056	ng		99
78) Pyrene	12.780	202	645032	29.700	ng		96
80) Butylbenzylphthalate	13.410	149	237731	35.171	ng		95
81) Benzo(a)anthracene	13.974	228	593102	40.265	ng		97
82) 3,3'-Dichlorobenzidine	13.939	252	189910	53.561	ng		96
83) Chrysene	14.010	228	585409	41.161	ng		98
84) Bis(2-ethylhexyl)phtha...	13.974	149	341212	42.063	ng	#	99
85) Di-n-octyl phthalate	14.592	149	677054	51.025	ng		98
87) Indeno(1,2,3-cd)pyrene	16.974	276	605249	33.771	ng		98
88) Benzo(b)fluoranthene	15.033	252	694858	40.279	ng		98
89) Benzo(k)fluoranthene	15.063	252	604122	36.871	ng		97
90) Benzo(a)pyrene	15.404	252	574655	40.749	ng		97
91) Dibenzo(a,h)anthracene	16.998	278	501023	34.757	ng		98
92) Benzo(g,h,i)perylene	17.433	276	469340	32.352	ng		99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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